



PCT09

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/937,112

DATE: 06/12/2002

TIME: 12:16:50

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\06122002\I937112.raw

ENTERED

2 <110> APPLICANT: INVITROGEN CORPORATION  
 3 HEYMAN, John A.  
 4 COMISKEY, John D.  
 5 MARCIL, Robert  
 6 PHELAN, Dorothy  
 8 <120> TITLE OF INVENTION: METHODS OF OBTAINING FULL-LENGTH NUCLEIC ACID SEQUENCES  
 USING E. COLI  
 9 TOPOISOMERASE III AND ITS HOMOLOGS  
 11 <130> FILE REFERENCE: INVIT1220-1  
 13 <140> CURRENT APPLICATION NUMBER: US 09/937,112  
 C--> 14 <141> CURRENT FILING DATE: 2002-05-16  
 16 <150> PRIOR APPLICATION NUMBER: PCT/US 00/06560  
 17 <151> PRIOR FILING DATE: 2000-03-13  
 19 <150> PRIOR APPLICATION NUMBER: US 60/125,126  
 20 <151> PRIOR FILING DATE: 1999-03-19  
 22 <160> NUMBER OF SEQ ID NOS: 3  
 24 <170> SOFTWARE: PatentIn version 3.1  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 7  
 28 <212> TYPE: DNA  
 29 <213> ORGANISM: Escherichia coli  
 31 <400> SEQUENCE: 1  
 32 gcaactt  
 35 <210> SEQ ID NO: 2  
 36 <211> LENGTH: 5  
 37 <212> TYPE: PRT  
 38 <213> ORGANISM: Artificial sequence  
 40 <220> FEATURE:  
 41 <223> OTHER INFORMATION: Epitope-tag peptide  
 43 <400> SEQUENCE: 2  
 45 Phe His His Thr Thr  
 46 1 5  
 49 <210> SEQ ID NO: 3  
 50 <211> LENGTH: 30  
 51 <212> TYPE: DNA  
 52 <213> ORGANISM: Artificial sequence  
 54 <220> FEATURE:  
 55 <223> OTHER INFORMATION: Oligonucleotide for epitope tag preparation  
 57 <220> FEATURE:  
 58 <221> NAME/KEY: misc\_feature  
 59 <222> LOCATION: (1)..(3)  
 60 <223> OTHER INFORMATION: n is any nucleotide  
 62 <400> SEQUENCE: 3  
 W--> 63 nnngcaactt ccctatagtg agtcgtatta

7

30

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/937,112

DATE: 06/12/2002  
TIME: 12:16:51

Input Set : A:\PTO.VSK.txt  
Output Set: N:\CRF3\06122002\I937112.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 1,2,3